

Alternative Septic System Status Update 1

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Project Introduction

- Site located in Page Springs, AZ
- Team will design an alternative septic system and irrigation system
- Water quality analysis
- 1-foot topographic map

Project Schedule

- 1.0 Site Investigation
 - 1.1 Site Survey
 - 1.2 On-site Water Analysis
- 2.0 Off-site Technical Analysis
 - 2.1 Water Analysis
 - 2.2 Soil Testing
 - 2.3 Site Topographic Map
- 3.0 Alt. Septic System Design Evaluation
 - 3.1 Compliant Systems
 - 3.2 Technical Requirements
 - 3.3 Evaluation of Systems
- 4.0 Irrigation System Design Evaluation
 - 4.1 Operations
 - 4.2 Evaluation of Systems
 - 4.3 System Analysis

Site Visit

- Percolation testing
 - 3 tests
- Soil grab samples
- Water samples
 - Hanameter on-site testing
 - Samples taken for fecal coliform testing
- Surveying
 - 160 points taken using GPS

Lab Results

- Total Nitrogen
- Nitrate
- Fecal Coliform